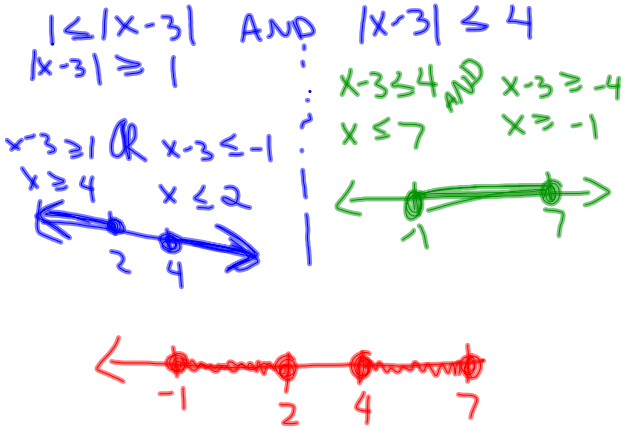
Compound Absolute values
and
Double Absolute Value Inequalities

Just Watch!

$2 \leq |x| < 5$

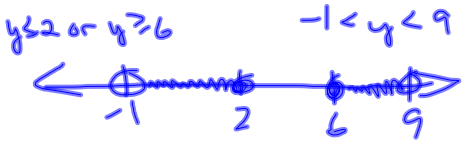
example:

$1 \leq |x-3| \leq 4$



Do:

$4 \leq |8-2y| < 10$



Double Absolute Value

ex: |3x + 2| < |x - 2|